WIRELESS COMMUNICATION EQUIPMENT

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Abstract of **JP 2001333080 (A)**

PROBLEM TO BE SOLVED: To provide a wireless communication equipment the MAC(Medium Access Control) protocol of which a set-maker can freely set and that can surely receive data without the need for special operations. SOLUTION: Data are inserted to a MAC data unit area (MPDU) of a packet transmitted by the wireless communication equipment and data length information denoting the length of the data is inserted to a header of the packet. Upon the receipt of a packet, the wireless communication equipment sets a data reception processing time corresponding to the data length information to conduct data reception and reaches a reception standby state when the data reception time elapses.; The wireless communication equipment sets a value denoting an infinite time to the data length information at the transmission of user data and sets a prescribed time to the data length information at the ID transmission by an automatic dialing function or the like. Thus, the MAC protocol such as a maximum data length and a maximum data reception processing time can freely be set. Furthermore, even in the case of receiving an ID, since the wireless communication equipment restores a reception standby state after a prescribed time, the wireless communication equipment can surely receive user data or the like.